

ABSTRACT

A controller configured to operate as at least one agent, a method of configuring a controller for operation as part of a multi-agent distributed control system, and a configuration device for so configuring a controller, are disclosed. The controller includes at least one processing device and at least one storage medium that is in communication with the at least one processing device. The at least one storage medium stores a plurality of program portions that are executed by the at least one processing device, and the plurality of program portions includes first, second and third program portions. The first program portion is capable of generating first signals that are commands to be provided to a controlled device, the second program portion is capable of governing standard agent-type functionality, and the third program portion is capable of governing application-specific agent-type functionality.

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